

# RAKU-TOOL® Close Contour Pastes

Economic modeling for the automotive, marine, wind and aerospace industries.



## Your advantages

- » Excellent surface structure, smooth and seamless, suitable for direct Tooling
- » Good dimensional stability
- » Easy to process
- » Quick application
- » Layer thickness 40 mm without slump on vertical surfaces
- » Quick cure schedule, can be machined after 24 h RT curing
- » Low density supporting structure (PUR / EPS)
- » Little wastage when compared to boards
- » Easy and quick machining, low dust
- » Easy to repair



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## Physical and mechanical properties.

	Standard	Unit	» RAKU-TOOL® CP-6070 R CP-6070 H	» RAKU-TOOL® CP-6071 R CP-6070 H	» RAKU-TOOL® CP-6050 R CP-6050 H
Color			Brown	Gray	Light brown
Density	ISO 1183	g/cm³	0,75	0,75	0,5
Hardness Shore D	ISO 868		55-60	55-60	45-50
Coefficient of thermal expansion	ISO 11359	10 <sup>-6</sup> K <sup>-1</sup>	70-75	70-75	75-80
Heat Deflection Temperature, HDT	ISO 75	°C	60-65	60-65	60-65
Glass transition temperature, Tg	DSC	°C	70-75	70-75	70-75
Compressive strength	ISO 604	MPa	18-20	18-20	10-15
Compressive modulus	ISO 604	MPa	900-1000	900-1000	450-500
Flexural strength	ISO 178	MPa	16-18	16-18	10-15
Flexural modulus	ISO 178	MPa	800-900	800-900	480-530
Layer thickness		mm	40	40	40
Machinable after (At 25°C)		h	24	24	24

Our recommendations on the use of the material are based on many years of experience and current scientific and practical knowledge. They are, however, provided without any obligation on our part and do not relieve the buyer of the need for suitability tests. They do not constitute a legal relationship, nor are any protected third party rights whatsoever affected thereby. No liability accepted for misprints.

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